

(每題 20 分)

1. Describe the three types of plate boundaries. What processes take place at each type of boundary? In what direction do the plates move at each boundary?
2. List the four basic sediment types classified by source. Where is each sediment type most likely to be found?
3. What is *El Niño*? Why do surface temperatures along the eastern ocean margins rise during *El Niño*? Why do fishing industries suffer?
4. What is thermohaline circulation? How does it develop?
5. Distinguish among abyssal hills, seamounts, guyots, and island arcs.